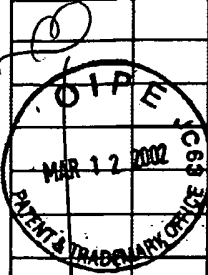




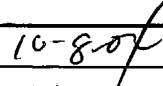


FORM PTO-1449 (Rev. 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO: 30-2138CIP2		SERIAL NO.: 09/143,583		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Charles E. Bowers				
(Use several sheets if necessary)				FILING DATE: August 31, 1998		GROUP: 3710		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		3,987,615	10/76	Hill, Jr.	57	156	8/18/75	
		4,231,169	11/80	Toyama et al.	428	408	6/21/78	
		4,412,877	11/83	Vosburgh	428	95	4/21/82	
		4,541,231	9/85	Graham, Jr. et al.	57	12	8/26/83	
		4,644,741	2/87	Gradinger et al.	57	256	6/11/84	
		4,861,649	8/89	Browne	428	911	11/2/87	
		4,690,860	9/87	Radvan et al.	428	290	12/29/86	
		4,851,501	7/89	Lubowitz et al.	428	290	12/17/87	
		4,943,472	7/90	Dyksterhouse et al.	428	288	10/25/89	
		4,916,000	4/90	Li et al.	428	911	4/10/90	
		5,567,256	10/96	Queen et al.	156	72	12/21/94	
<b>FOREIGN PATENT DOCUMENT</b>								
							TRANSLATION	
		DOCUMENT NUMBER	DATE	PATENTEE OR APPLICANT	CLASS	SUBCLASS	YES	NO
		WO 9914408	25.03.99	Bowers				
		WO 88/03969	02.06.88	Hackler				
		WO 94/20657	15.09.94	Tung et al.				
		WO 95/30040	09.11.95	Combs et a/				
		JP 09119034	06.05.97	Katsuyoshi				
		UK 2205116	30.11.88	Watt et al.				
		EP 0466618	08.07.91	Guevel et al.				
		EP 0444637	27.02.91	Bankar				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>								
EXAMINER		DATE CONSIDERED						
								

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.